

Optical dielectric constant

Valid heading during volumes 129–130 (July 1998–June 1999) only

See *Dielectric constant*, optical

Optical diffraction**Optical disks**

See also narrower:

Erasable optical disks

Optical ROM disks

See also related:

Magneto-optical recording

Magneto-optical recording materials

Optical recording

Recording materials

Recording apparatus

Video tapes

Optical dispersion

See also narrower: *Optical rotatory dispersion*

See also related:

Matrix media

Optical constants

Optical refraction

Optical display devices

See *Optical imaging devices*

Optical double refraction

See *Birefringence*

Optical double resonance

See also related:

Hanle effect

Optical pumping

Optical endoscopes

See *Endoscopes*

Optical equipment

See also narrower:

Fiber optics

Lenses

Light sources

Optical imaging devices

Optical instruments

See also related:

Cuvettes

Holography

Light

Light shields

Optical fibers

Optical modulation

Optical properties

Optics

Oscillators

Photonics

Resonators

Optical fiber cables

See *Optical cables*

Optical fibers

Fibers which transmit light are indexed here. Optical systems with optical fiber components are indexed at *Fiber optics*

See also related:

Fiber optics

Fiber optic sensors

Glass fibers

Optical cables

Optical equipment

Optical glass

Optrodes

Optical films

See also narrower:

Antireflective films

Polarizing films

See also related:

Dielectric films

Iridescent materials

Optical filters

Optical reflection

Optical filters

See also narrower:

Acoustooptical filters

Optical interference filters

See also related:

Cameras

Optical absorption

Optical films

Optical isolators

Optical transmission

Polarizers

Sunscreens

Optical frequency conversion

See *Sum-frequency generation*

Optical frequency converters

See also narrower: *Optical frequency doublers*

See also related:

Four wave mixing

Nonlinear optical properties

Optical harmonic generation

Sum-frequency generation

Optical frequency doublers

See also related:

Second-harmonic generation

Sum-frequency generation

Optical gain**Optical gas sensors****Optical glass**

See also related: *Optical fibers*

Optical harmonic generation

See also narrower:

Second-harmonic generation

Third-harmonic generation

See also related:

Lasers

Optical frequency converters

Sum-frequency generation

Optical hyperpolarizability**Optical imaging devices**

See also narrower:

Cameras

Cathode ray tubes

Electroluminescent devices

Electro-optical imaging devices

Luminescent screens

Optical amplifiers

Optical imaging sensors

Optical scanners

Plasma display panels

Projection apparatus

See also related:

Imaging

Microscopes

Optical imaging sensors

See also related:

Charge coupled devices

Optical detectors

Optical instruments

See also narrower:

Collimators

Colorimeters

Densitometers (optical)

Diffraction gratings

Diffraction gratings

Electro-optical instruments

Ellipsometers

Endoscopes

Interferometers

Microscopes

Monochromators

Optical amplifiers

Optical beam splitters

Optical couplers

Optical detectors

Optical filters

Optical frequency converters

Optical integrated circuits

Optical isolators

Optical modulators

Optical parametric oscillators

Optical reflectors

Optical resonators

Optical switches

Optical waveguides

Polarimeters

Polarizers

Prisms

Reflectometers

Refractometers

Shutters

Spectrographs

Spectrometers

See also related:

Photonics

Telescopes

Optical integrated circuits

See also related:

Optical modulators

Optical sensors

Optoelectronics

Optoelectronic semiconductor devices

Photonic crystals

Optical interference filters

See also related: *Interferometers*

Optical isolators

See also related:

Optical filters

Optical waveguides

Optical isomerization

See *Isomerization*

Optical isomers

See *Enantiomers*

Optical lenses

See *Lenses*

Optical limiting**Optically active compounds**

See also related:

Optical properties

Racemization

Optically detected magnetic resonance

See *ODMR (optically detected magnetic resonance)*

Optical materials

See also narrower:

Electrochromic materials

Electro-optical materials

Iridescent materials

IR materials

Luminescent substances

Nonlinear optical materials

Opaque materials

Optical fibers

Optical films

Optical glass

Optical recording materials

Photochromic materials

Photonic crystals

Photorefractive materials

Saturable absorbers

Thermochromic materials

Translucent materials

Transparent materials

See also related:

Glass

Lenses

Mirrors

Optics

Optical memory devices

See also narrower:

Holographic memory devices

Optical disks

See also related: *Optical recording*

Optical modulation

See also narrower:

Electro-optical modulation

Phase modulation (optical)

See also related:

Electro-optical effect

Electro-optical instruments

Lasers

Optical equipment

Optical modulators

Optical modulators

See also narrower:

Electro-optical modulators

Spatial light modulators

See also related:

Lasers

Optical integrated circuits

Optical modulation

Optical switches

Optical nonlinear property

See *Nonlinear optical properties*

Optical nonlinear susceptibility

See *Nonlinear optical susceptibility*

Optical parametric amplifiers

See also related: *Optical parametric oscillators*

Optical parametric oscillators

See also related:

Lasers

Nonlinear optical properties

Optical parametric amplifiers

Optical parametric resonators

See *Optical parametric oscillators*

Optical phase conjugation

See also related:

Four wave mixing

Photorefractive materials

Two wave mixing

Optical phonon

See also narrower: *LO phonon*

See also related:

Light

Raman spectra

Optical potential

See also narrower: *Nuclear optical potential*

See also related:

Collisions

Scattering

Optical prisms

See *Prisms*

Optical properties

See also narrower:

Bathochromic effect

Birefringence

Color

Dichroism

Dielectric function

Electro-optical effect

Hypsochromic effect

Illumination

Light scattering

Magneto-optical effect

Nonlinear optical properties

Opacity

Optical activity